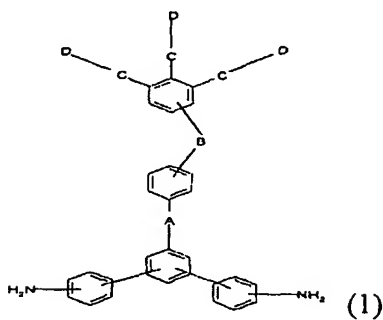


【CLAIMS】

【Claim 1】

A diamine compound represented by Formula 1 below:



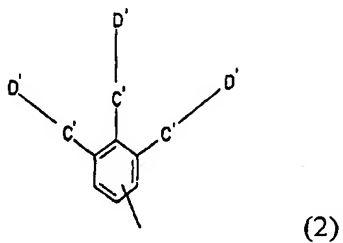
5 wherein

A is a single bond, -O-, -COO-, -CONH-, or -OCO-;

B is a single bond, -O-, -COO-, -CONH-, or -OCO-;

the substituents C are independently a single bond, -O-, -COO-, -CONH-, or -OCO-; and

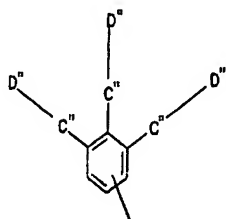
10 the substituents D are independently a C₁₋₂₀ linear, branched or cyclic alkyl group which may be substituted with at least one halogen atom, or a functional group represented by Formula 2 below:



wherein the substituents C' are independently -O-, -COO-, -CONH-, or -OCO-;

and

the substituents D' are independently a C₁₋₂₀ linear, branched or cyclic alkyl group, or a functional group represented by Formula 3 below:

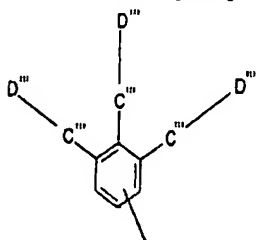


(3)

wherein the substituents C'' are independently -O-, -COO-, -CONH-, or -OCO-;

and

the substituents D'' are independently a C₁₋₂₀ linear, branched or cyclic alkyl group, or a functional group represented by Formula 4 below:



(4)

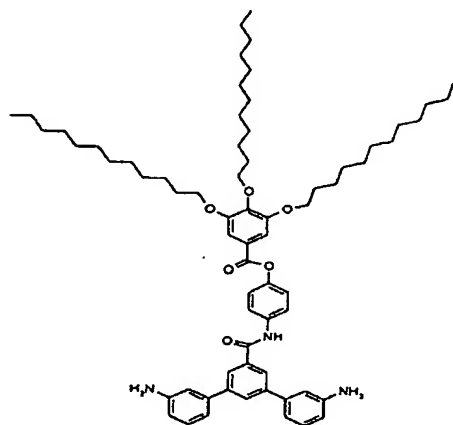
wherein the substituents C''' are independently -O-, -COO-, -CONH-, or -OCO-

; and

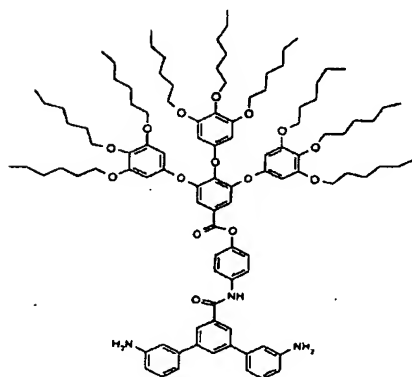
the substituents D''' are independently a C₁₋₂₀ linear, branched or cyclic alkyl group.

15 **【Claim 2】**

The diamine compound according to claim 1, wherein the diamine compound is a compound represented by Formula 5 or 6 below:



(5)



(6)

5 【Claim 3】

A polyamic acid prepared by copolymerizing the diamine compound according to claim 1, an alicyclic dianhydride, an aromatic cyclic dianhydride, and optionally, an aromatic cyclic diamine and/or a siloxane-based diamine.

【Claim 4】

The polyamic acid according to claim 3, wherein the diamine compound according to claim 1 is present in an amount of 0.1~100 mole%, and the aromatic cyclic diamine and the siloxane-based diamine are present in an amount of 0~99.9 mole%, based on the total amount of the diamine monomers.

5 **【Claim 5】**

The polyamic acid according to claim 3, wherein the aromatic cyclic dianhydride is present in an amount of 10~95 mole%, and the alicyclic dianhydride is present in an amount of 5~90 mole%, based on the total amount of the dianhydride monomers.

10 **【Claim 6】**

The polyamic acid according to claim 3, wherein the polyamic acid has a number-average molecular weight of 10,000 to 500,000 g/mol.

【Claim 7】

A soluble polyimide prepared by wholly or partially imidizing the polyamic acid according to claim 3.

【Claim 8】

A mixture of the polyamic acid according to claim 3 and the soluble polyimide according to claim 7.

【Claim 9】

A liquid crystal alignment film produced by dissolving the polyamic acid according to claim 3, the soluble polyimide according to claim 7 or the mixture according to claim 8 in a solvent, coating the solution on a substrate, and wholly or partially imidizing the coated solution.

5 **【Claim 10】**

A liquid crystal display device comprising the liquid crystal alignment film according to claim 9.